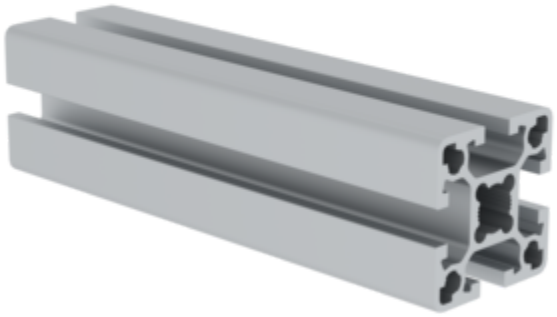
MUNK
Sicherheit. Made in Germany.



Order no.: 930100

Aluminium profile 40x40 mm

Surface finish

Anodised aluminium | Natural aluminium

Specification

Profile type Construction profile	Length max. 6 m	Material Aluminium	Profile dimension X 40 mm	Profile dimension Y 40 mm
Weight per metre 1560 g/m	Groove size 8 mm	No. of grooves 4	Ix Area moment of inertia 96331	Iy Area moment of inertia 96331
Cross-sectional area FL 573.32 mm²	Surface texture Natural aluminium	Anodising without	End design Sawn	Core hole diameter M12
Order no. 930100				

Facts

- Construction profile made from aluminium
- Screw channel profile with T-slot
- For sturdy, versatile constructions
- Simple installation
- Versatile use
- Added visual and functional benefits

Description

Modular precision meets robust load-bearing capacity! The MUNK aluminium profile 40 × 40 mm is the powerful basis for load-bearing structures – available in either light anodised (E6/EV1) or natural untreated, depending on design and corrosion protection requirements.

We reserve the right to make technical changes and price changes.

- In different lengths up to 6000 mm

More load-bearing capacity with compact dimensions

- External dimensions 40 × 40 mm, weight 1.560 kg/m – combines high stability with space-saving design.
- Symmetrical moments of inertia Ix = Iy = 96331 cm^4 allow for load-bearing frames in all directions.
- Four 8 mm T-slots securely hold strong connecting elements and panels.

Universally connectable & quick to assemble

- Continuous M12 core channel ensures high-strength screw connections without welding.
- Profiles are cut to length with millimetre precision up to 6 m and arrive ready for assembly – no waste, no reworking.

Surface of your choice

- Light anodised: durable corrosion protection and high-quality appearance for visible frames.
- Untreated natural: cost-efficient solution for shielded or temporary structures.

Typical areas of application

- Machine frames: vibration-resistant mounting for machining centres.
- Conveyor technology frames: Even load distribution under dynamic forces.
- Test benches & measuring devices: Precise, backlash-free structures for reproducible results.
- Production lines: Modular expansion across all four T-slots.

Discover the MUNK aluminium profile 40 × 40 mm – your stable foundation for demanding industrial constructions that impresses today and grows flexibly with you tomorrow.

Scope of supply

- Aluminium profiles, sawn to the required length (max. 6 m): 1 x

Information on sustainability criteria

- Corporate certification: ISO 9001
- Corporate certification: ISO 14001
- Corporate certification: EN 1090
- Corporate certification: EcoVadis
- RoHS
- REACH
- The MUNK Group complies with a Code of Conduct
- The Supply Chain Act does not apply due to our size
- The materials used are listed in the technical specification
- Resource-saving production: own photovoltaic systems
- Energy-efficient consumption during production: LED lighting
- Repairability, durability and quality: 15-year warranty on series products made in Germany
- Recyclability: Our products are mostly made of aluminium, steel or wood and can be fed directly into the recycling process.
- Socially acceptable working conditions in production: fair wages, gender equality
- Economical and recyclable packaging: no use of polystyrene, predominantly use of wood and cardboard, small amounts of plastic
- No health hazards for the users

More product pictures

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Corporate certifications

Standards for quality and sustainability